

## **ABSTRACT OF THE DISCLOSURE**

A wireless signal transmitting and receiving system is disclosed to be applied to a display device thereby receiving wireless signals omni directionally. The system includes a plurality of transmitting units for sending optical signals via optical beams, and a plurality  
5 of receiving units for collecting the redundant optical signals and combining the signals to a single optical signal for conversion into an electrical signal for further processing. The object of the system is to solve the weak signal strength problems caused by moving obstacles between the transmitting units and the receiving units or when the optical signal is reflected or deflected.

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